IN THE SPECIFICATION

Please amend the specification as follows:

On page 35 and ending on page 36, the first full paragraph has been amended as follows:

The functional architecture of one embodiment of an Internet module which may be utilized in this arrangement is shown diagrammatically in Figure 3. The Internet Module includes a gateway router 310 of the type now generally used in Internet practice, such as shown in Figure 1 and described in related application Serial No. 08/634,544, referenced above. An interface with processing capability is illustratively shown at 112. Connected to the router are a Domain Name Service (DNS) server 114 and a Dynamic Host Configuration Protocol (DHCP) server 116 of the type conventionally used by Internet Service Providers in existing Internet Service. It will be understood that while the DNS and DHCP are here shown as elements of the Internet module they may constitute a DNS and a DHCP connected to the Internet. The router interface is connected to the central office and to the CCIS network while the router is connected to the Internet.

On page 36, the first full paragraph has been amended as follows:

Figure 4 is a block diagram that represents the functionality of the processor interface 112 and the router 110. The processor contains a common Generic Data Interface (GDI) 120 for communicating signaling messages with the ISCP over the common channel signaling network. Data communication by the gateway router of both signaling and information content through the Internet (or other equivalent packet

CONT
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network) occurs through TCP/IP protocol 124, packets being transmitted and received through physical transport layer 126. The physical transport layer may comprise Asynchronous Transfer Mode (ATM), frame relay or some other type of data communication mode.

On page 36 and ending on page 37, the second full paragraph has been amended as follows:

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While message and signaling communication with the common channel signaling network occurs through the GDI, communication of voice data is made through the Channel Serving Unit, Digital Serving Unit (CSU/DSU) 328. This unit, which may physically comprise a digital line card in the processor with standard 24 digital voice line inputs, packetizes voice data received from the telephone central office. The CSU/DSU coordinates with route determination unit 130 to identify packets, termination phone numbers and routes to the network termination gateway router. The route determination information is included in each packet for the data received from the originating central office SSP. The packetized 132, before being sent to the TCP/IP stack and physical transport layer for transmission to the far end gateway router. To complete transmission to the destination telephone, the termination router decompresses the received packets, depacketizes back to voice data which is then routed to the destination PSTN. Two way capability for each of the functions is provided for communication in both directions. While shown for illustrative purposes as separate blocks, the route determination and